

**What is claimed is:**

1. A method, comprising:  
for a call between a local IP network and a remote non-IP network,  
converting IP packets to PCM robbed bit signaling via a VoIP channelized router,  
providing the PCM robbed bit signaling to a TDM switch.
2. The method of claim 1, further comprising:  
converting between IP packets and GR303 call reference values via the  
VoIP channelized router.
3. The method of claim 1, further comprising:  
detecting an off-hook condition of a telephone on the local IP network.
4. The method of claim 1, further comprising:  
receiving, at the VoIP channelized router, an invite message related to an  
off hook condition of an IP telephone.
5. The method of claim 1, further comprising:  
providing a dial tone to a user of the local IP network.
6. The method of claim 1, further comprising:  
converting an invite message, responsive to an off-hook condition, to a B  
bit toggle conforming to PCM signaling at the VoIP channelized router; and  
forwarding the B bit toggle to the TDM switch.
7. The method of claim 1, further comprising:  
receiving a called party telephone number from the local IP network.
8. The method of claim 1, further comprising:  
converting a called party telephone number to PCM signaling.

9. The method of claim 1, further comprising:  
providing a called party telephone number to the TDM switch.
10. The method of claim 1, further comprising:  
sending a signal indicative of ringing to the local IP network.
11. The method of claim 1, further comprising:  
receiving a signal indicative of ringing from the TDM switch at the VoIP channelized router.
12. The method of claim 1, further comprising:  
converting a signal indicative of ringing to an invite F8 180 signal at the VoIP channelized router; and  
providing the F8 180 signal to the local IP network.
13. The method of claim 1, further comprising:  
receiving an A/B bit toggle from the TDM switch at the VoIP channelized router, the toggle responsive to a signal that a called party has answered the call.
14. The method of claim 1, further comprising:  
converting an A/B bit toggle to an invite 200 message;  
providing the invite 200 message to the local IP network.
15. The method of claim 1, further comprising:  
receiving voice packets from the local IP network at the VoIP channelized router.
16. The method of claim 1, further comprising:  
receiving a TDM data sequence from the remote non-IP network at the VoIP channelized router.

17. The method of claim 1, further comprising:

converting voice packets to an 8 bit TDM data sequence via IP packet-to-bit conversion; and  
providing the TDM data sequence to the remote non-IP network.

18. The method of claim 1, further comprising:

converting an 8 bit TDM data sequence to voice packets; and  
providing the voice packets to the local IP network.

19. A system comprising:

a local VoIP channelized router; and  
means for communicatively coupling an IP network to a remote non-IP network using said channelized router.

20. A machine readable medium storing instructions for activities comprising:

routing a call from an IP network to a remote non-IP network via local VoIP channelized router.